QuickSpecs

Overview

HPE 25G and 100G Transceivers

Models

HPE 25Gb SFP28 SR 100m Transceiver	845398-B21
HPE 100Gb QSFP28 MPO SR4 100m Transceiver	845966-B21

Service and Support

Service and Support	**NOTE:NOTE:** This adapter is covered under HPE Support Services/ Service Contract applied to the HPE ProLiant Server or enclosure. No separate HPE Support Services need to be purchased.
	Most HPE branded options sourced from HPE that are compatible with your product will be covered under your main product support at the same level of coverage, allowing you to upgrade freely. Additional support is required on select workload accelerators, switches, racks and UPS options 12KVA and over. Coverage of the UPS battery is not included under HPE support services; standard warranty terms and conditions apply.
Warranty and Support Services	Warranty and Support Services will extend to include HPE options configured with your server or storage device. The price of support service is not impacted by configuration details. HPE sourced options that are compatible with your product will be covered under your server support at the same level of coverage allowing you to upgrade freely. Installation for HPE options is available as needed. To keep support costs low for everyone, some high value options will require additional support. Additional support is only required on select high value workload accelerators, fibre switches, InfiniBand and UPS options 12KVA and over. Coverage of the UPS battery is not included under TS support services; standard warranty terms and conditions apply.
Protect your business beyond warranty with HPE Support Services	HPE Technology Services delivers confidence, reduces risk and helps customers realize agility and stability. Connect to HPE to help prevent problems and solve issues faster. HPE Support Services enable you to choose the right service level, length of coverage and response time as you purchase your new server, giving you full entitlement to the support you need for your IT and business.
	Protect your product, beyond warranty.
Parts and Materials	Hewlett Packard Enterprise will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.
	Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.
	The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction.
For more information	Visit the Hewlett Packard Enterprise Service and Support **website**.

Technical Specifications

HPE 25Gb SFP28 SR 100m Transceiver (845398-B21)	**NOTE:NOTE:** A 25-Gigabit transceiver in SFP28 form-factor that supports the SR standard, providing 25-Gigabit connectivity up to 100m on multi-mode fiber.	
	Ports	1 LC 25-GbE port (IEEE 802.3 Type 25Gbase-SR) duplex full only
	Connectivity	
	Connector type	LC
	Wavelength	850 nm
	Physical characteristics	
	Dimensions	0.54 x 2.19 x 0.47 in. (13.8 x 55.7 x 11.9 mm)
	Weight	0.04 lb. (20 g)
	Transceiver form factor	SFP28
	Environment	
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	0% to 85%, noncondensing
	Non-operating/Storage temperature	-40°F to 185°F (-40°C to 85°C)
	Electrical characteristics	
	Voltage Supply	3.3 V
	Power consumption maximum	1.5 W
	Cabling	
	Cable type	OM3, OM4
	Cable length	Up to 70m (OM3); up to 100m (OM4)
	Fiber type	Multi-mode
	NOTES	For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish.
		Angled Physical Contact (APC) is not recommended.
	Services	Refer to the Hewlett Packard Enterprise website for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.
		https://www.hpe.com/us/en/servers.html

Technical Specifications

HPE 100Gb QSFP28 MPO SR4 100m Transceiver (845966-B21)

NOTE:NOTE: A 100-Gigabit transceiver in QSFP28 form-factor that supports the 4x25-Gigabit SR4 standard, providing 100-Gigabit connectivity up to 100m.

Ports	1 MPO 100-GbE port (IEEE 802.3 Type 100Gbase-SR4)	
Connectivity	**Connector type**	MPO
	Wavelength	850 nm
Physical characteristics	**Dimensions**	0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm)
	Weight	0.08 lb. (36 g)
	Transceiver form factor	QSFP28
Environment	**Operating temperature**	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	0% to 85%, noncondensing
	Non-operating/Storage temperature	-40°F to 185°F (-40°C to 85°C)
Electrical characteristics	**Voltage Supply**	3.3 V
	Power consumption maximum	3.5 W
Cabling	**Cable type**	OM3, OM4
	Cable length	Up to 70m (OM3); up to 100m (OM4)
	Fiber type	Multi-mode
NOTES	For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish. Angled Physical Contact (APC) is not recommended.	
Services	Refer to the Hewlett Packard Enterprise website at: **https://www.hpe.com/us/en/servers.html** for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	

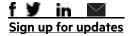|	
Operating System and Virtualization Support	The Operating Systems supported by this adapter are based on the server OS support. Please refer to the OS Support Matrix at **https://www.hpe.com/us/en/servers/server-operating-systems.html**.
Environment-friendly Products and Approach - End-of-life Management and Recycling	Hewlett Packard Enterprise offers end-of-life **product return, trade-in, and recycling programs**, in many geographic areas, for our products. Products returned to Hewlett Packard Enterprise will be recycled, recovered or disposed of in a responsible manner. The EU WEEE Directive (2012/19/EU) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the **Hewlett Packard Enterprise web site**. These instructions may be used by recyclers and other WEEE treatment facilities as well as Hewlett Packard Enterprise OEM customers who integrate and re-sell Hewlett Packard Enterprise equipment.

Summary of Changes

Date	Version History	Action	Description of Change
01-Oct-2018	Version 3	Changed	Electrical characteristics section for SKU 845966-B21 was revised.
05-Feb-2018	Version 2	Changed	Technical specifications sections was updated
06-Jun-2016	Version 1	Created	New QuickSpecs.

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